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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

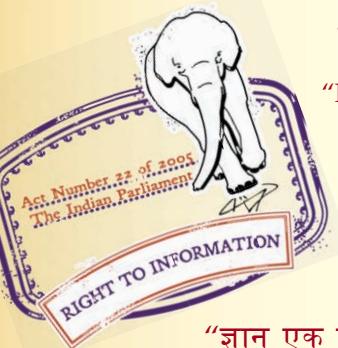
“Step Out From the Old to the New”

IS 5000-OD31 (1981): Dimensions of Semiconductor Devices, Device Outline OD31 [LITD 5: Semiconductor and Other Electronic Components and Devices]

“ज्ञान से एक नये भारत का निर्माण”

Satyanaaranay Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartṛhari—Nītiśatakam

“Knowledge is such a treasure which cannot be stolen”



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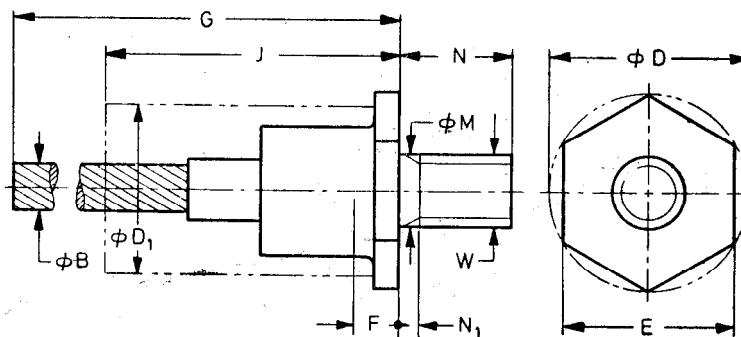
Indian Standard

DIMENSIONS OF SEMICONDUCTOR DEVICES

DEVICE OUTLINE OD31

1. Dimensions

Note — This drawing has been prepared in accordance with IS : 5001 (Part I)-1969 ' Guide for the preparation of drawings of semiconductor devices and integrated circuits: Part I Semiconductor devices ' and IS : 5001 (Part II)-1973 ' Guide for the preparation of drawings of semiconductor device and integrated circuits: Part II Integrated circuits '.



Reference	Millimetres			Notes
	Min	Nom	Max	
ϕB	—	—	3.17	
ϕD	—	—	12.82	
ϕD_1	—	—	11.0	1, 2
F	1.91	—	—	
G	54.9	—	—	
J	—	—	30.4	1, 3
N_1	—	—	1.98	

Reference	Millimetres			Notes
	Min	Nom	Max	
TYPE 1				
<i>E</i>	—	11.0	—	
<i>N</i>	10.72	—	11.50	
<i>W</i>	—	10.32 UNF-2A	—	5
TYPE 2				
<i>E</i>	—	11.0	—	
<i>N</i>	7.0	—	8.0	
<i>W</i>	—	M 5	—	5

Note 1 — The device with the exception of the hexagon, thread and flexible terminal lies within the cylinder of diameter D_1 and length J .

Note 2 — Diameter D_1 shall not be greater than the actual across flats dimension of the hexagon used.

Note 3 — J is the seated height with the terminal bent at right angles.

Note 4 — Diameter M refers to zone N_1 . The maximum value should not exceed the outside diameter of the thread.

Note 5 — A clearance hole of (5.21 mm) minimum diameter ensures interchangeability between Types 1 and 2 devices.

Country or Organisation	Code	
	Type 1	Type 2
IEC	A7U	A7M
United Kingdom	S0-31	—
Germany	—	101A2